

Claims:

I CLAIM:

1. A computer application to organize and monitor work related productivity information, including: a database to store data relevant to work related productivity, said database providing for data entry and data presentation, and configured to nearly instantaneously display said data in at least one format.
2. The computer application of Claim 1 wherein said database is configured to nearly instantaneously display said data in multiple selectable formats, said multiple formats including graphical or textual viewpoints.
3. The computer application of Claim 1 wherein said computer application is programmed for use in manufacturing and packaging facilities.
4. The computer application of Claim 1 including at least one module related to manufacturing or packaging forecast, capacity analysis, monthly plan, production related results, downtime details, production waste details, documentation errors, or personnel training.
5. The computer application of Claim 4 in which more than one such module is provided and those modules are interrelated.
6. The computer application of Claim 1 in which said data is stored in a perpetual record.
7. A computer database for maintaining job-related productivity data, including: at least one table for storing said productivity data; at least one form for entering said productivity data; and at least one report for displaying said productivity data.
8. The computer database of Claim 7 including at least one module, said at least one module related to a category of said productivity data.

9. A method of improving productivity in a work environment, including the steps of:

- a) examining a work area to evaluate factors decreasing said productivity;
- b) establishing parameters to improve said productivity of said work envi-

ronment; and

c) providing a computer database application to track said parameters and to provide reports regarding same.

10. The method of Claim 9 in which said computer application is customized for said work environment.

11. The method of Claim 9 in which said work environment includes an industrial facility.

12. The method of Claim 9 in which said computer application provides a centralized system for organizing and analyzing work-related data.

13. A method of improving performance and productivity in a work area, including the steps of:

a) providing at least one computer database to store information regarding the work area's productivity and performance;

b) inputting said information into said at least one database;

c) displaying said information in at least one format, said at least one format permitting analysis of said information; and

d) optimizing at least one aspect of said work area based on said analysis of said information.

14. The method of Claim 13 wherein said information is related to other information facilitating said analysis of said information.

15. The method of Claim 13 in which said analysis of said information can be conducted nearly immediately after said information regarding the work area's productivity and performance is input into said at least one computer database.

16. The method of Claim 13 in which said implemented system facilitates said work area's compliance with production and training goals as those goals may change over time.

17. A multi-user computer database for maintaining job-related productivity data, consisting of: at least one table for storing said productivity data; at least one form for entering said productivity data; and at least one report for displaying said productivity data.

18. The computer database of Claim 17 including at least one module, said at least one module related to a category of said productivity data.

19. The computer database of Claim 18 in which said data is stored in a perpetual record.

20. A computer database for storing work productivity information, consisting of: a plurality of tables for storing a manufacturing plant's productivity information; a plurality of forms for entering and displaying said manufacturing plant's productivity information; and a plurality of reports for displaying said information.

21. Software for enhancing various job-related indices, said software configured to include an entry screen for entering job-related data, said entry screen including one or more fields for accepting entries and said job-related data including overhead and production data, a database for storing said job-related data, an algorithm for manipulating said entered data, and at least one module for presenting said manipulated data in a job-related indices format, said format including at least one of downtime details, monthly planning, and production forecast.

22. A business analytical software for improving business efficiency, said software including at least one form, at least one module, multiple input fields, a database, and al-

gorithm for manipulating input data and displaying said manipulated data in a business related format, said format including at least one format from the group of expense details, income details, and monthly planning, said input data including data representative of business efficiency.

23. The software of Claim 21 or 22, further including programmable options for instantaneously presenting information in past, present, or future projection format, said format including at least one of Pareto Analysis and performance target analysis.

24. A method of improving performance and productivity in a work area, including the steps of:

providing a multi-user computer database to store information regarding the work area's productivity and performance;

providing a sufficient number of data entry locations to facilitate prompt entry of productivity information;

training personnel in gathering and inputting the information.

25. The method of Claim 24, further including the step of:

establishing protocols for entry of the information in a timely manner.

26. The method of Claim 24 or Claim 25, further including the steps of:

establishing timetable goals for utilization of the database; and

periodically conducting quality control checks to determine whether those timetable goals are being met

27. The method of Claim 24, including the further step of using the software to track data and generate reports regarding at least one of daily production, production waste, personnel training, documentation errors, official annual forecasts, capacity analysis, downtime, production monthly plans, and forecast by day and by shift.

28. The method of Claim 24, including the further step of using the software to track data and generate reports regarding production waste by line, shift, product, lot number, supervisor, group leader, or mechanic.

29. The method of Claim 24, including the further step of using the software to track data and generate reports regarding revisions of packaging waste standards by product and individual packaging component

30. The method of Claim 24, including the further step of using the software to track data and generate reports regarding training scheduled and completed by employees or personnel.

31. The method of Claim 30, including the further step of using the software to track data and selectively generate reports presenting training information by employee, training name, training category, department, training schedule, training due for each employee and/or department, and for non-employees working at the work site.

32. The method of Claim 24, including the further step of using the software to track data and generate reports regarding capacity analysis to determine system and/or line production hours and total man-hours for any given forecast scenario, including at least one of product mix, volume, time period, downtime percent, product standards, consecutive lots logistics, and crew size.

33. The method of Claim 24, including the further step of using the software to track data and generate reports regarding capacity analysis to determine system and/or line production hours and total man-hours for any given forecast scenario, including at least one of product mix, volume, time period, downtime percent, product standards, consecutive lots logistics, and crew size.

34. The method of Claim 24, including the further step of using the software to track data and generate reports regarding statistics over time including errors by area, employee category, lot number, type, group leader, equipment system, product code, error creator, shift, and supervisor.